Measuring Length

Information

Common core icons

This icon indicates a slide where the Standards for Mathematical Practice are being developed. Details of these are given in the Notes field.

Slides containing examples of mathematical modeling are marked with this stamp.

This icon indicates an opportunity for discussion or group work.

The **Standards for Mathematical Practice** outlined in the Common Core State Standards for Mathematics describe varieties of expertise that mathematics educators at all levels should seek to develop in their students.

These are:

1) Make sense of problems and persevere in solving them.

2) Reason abstractly and quantitatively.

3) Construct viable arguments and critique the reasoning of others.

4) Model with mathematics.

5) Use appropriate tools strategically.

6) Attend to precision.

7) Look for and make use of structure.

8) Look for and express regularity in repeated reasoning.

This icon indicates that the slide contains activities created in Flash. These activities are not editable.

This icon indicates teacher's notes in the Notes field.

Measuring

When did you last **measure** something?

Longer or shorter?

We can use measuring to **compare** objects. Look at each pair of objects and decide which one is longer or shorter.

Press **start** to begin.

start

Shortest to longest

shortest

Put these objects in the correct order, from shortest to longest.

Press **start** to begin.

start

longe

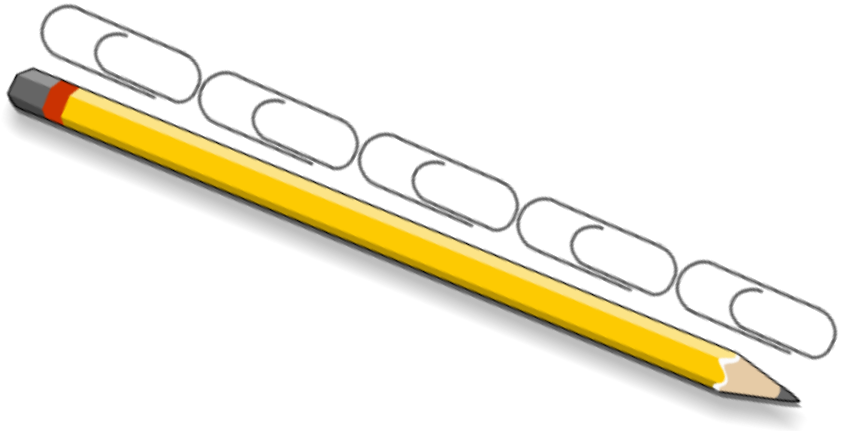
Comparison puzzles

How many ways can you describe the heights of these flowers?

Using objects to measure

How could you measure objects in your classroom, like your desk, your pencil, or your teacher's desk?

We can use small objects to measure bigger ones.



For example, how many paperclips long is your pencil?

How many feet long is your classroom?

Measure with tiles

Drag the tiles into place below the leaf to see how long it is.